Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

- (Currently Amended): A display device comprising: 1. a back substrate formed with a plurality of electron emission elements; a display substrate disposed opposite to said back substrate, said display substrate including an accelerating electrode applied with an accelerating voltage for accelerating electrons from said electron emission elements, and luminescent materials for emitting light when said luminescent materials come into collision with the electrons accelerated by the accelerating voltage; a frame member for supporting said back substrate and said display substrate on the peripheries thereof, said frame member, said back substrate, and said display substrate surrounding a space to define a vacuum area; and a conductor electrically connected electrically to said accelerating electrode [[and]], applied with the accelerating voltage, and routed outside of said frame member which forms said vacuum area, wherein said conductor is routed outside of said vacuum area, and includes a connection part extending from said conductor and onto which a connector is removably connectable connected to a connector for supplying the accelerating voltage. 2. (Original): A display device according to claim 1, wherein said conductor is routed on a side of said display substrate opposite to said back substrate outside of said
- 1 2 3 vacuum area.

17

substrate,

1	3. (Currently Amended): A display device according to claim 1, wherein
2	said connection part includes a rod member extending in a direction substantially
3	orthogonal to a plane including said conductor, and said connector is removably fitted
4	over said rod member.
1	4. (Original): A display device according to claim 3, wherein said connector
2	comprises an insulating cap for covering an end of said conductor and said rod member.
1	5. (Original): A display device according to claim 1, wherein a distance
. 2	between an end of said conductor and an end of an optically transparent substrate is in a range of
3	2 to 5 mm, said optically transparent substrate constituting said display substrate.
. 1	6. (Currently Amended): A display device comprising:
2	a back substrate including an insulating substrate, and a plurality of electron
3	emission elements formed on said insulating substrate;
4	a display substrate including an optically transparent substrate disposed opposite
5	to said back substrate, an accelerating electrode plate disposed on an inner face of said optically
6	transparent substrate and applied with an accelerating voltage for accelerating electron beams
7	emitted from said electron emission elements, and a luminescent material layer excited by the
8	electron beams accelerated by the accelerating voltage to emit light to the outside of said
9	optically transparent substrate;
10	a frame member for supporting said back substrate and said display substrate on
11	the peripheries thereof, said frame member, said back substrate, and said display substrate
12	surrounding a space to define a vacuum chamber; and
13	a conductor electrically connected electrically to said accelerating electrode plate
14	embedded between said optically transparent substrate and said frame member, and drawn out to
15	a predetermined region outside of said frame member for forming said vacuum chamber, when
16	viewed from a light exiting side, toward said back substrate on said optically transparent

18	wherein said conductor includes a connection part extending from said conductor,
19	which is embedded between said optically transparent substrate and said frame member, and is
20	and onto which a connector is removably connected connectable to a connector for supplying the
21	accelerating voltage.
1	7. (Original): A display device according to claim 6, wherein:
2	said optically transparent substrate and said insulating substrate are both
3	substantially rectangular;
4	said conductor is drawn out to one longer side of said optically transparent
5	substrate; and
6	said optically transparent substrate has shorter sides longer than shorter sides of
- 7	said insulating substrate.
1	8. (Original): A display device according to claim 7, wherein:
2	said vacuum chamber is substantially rectangular in shape when viewed from a
3	light exiting side; and
4	a distance in a shorter side direction between one longer side of said vacuum
5	chamber and one longer side of said optically transparent substrate sandwiching said
6 -	predetermined region of said optically transparent substrate is longer than a distance in the
7	shorter side direction between the other longer side of said vacuum chamber and the other longer
8	side of said optically transparent substrate.
1	9. (Original): A display device according to claim 6, wherein:
2	said optically transparent substrate and said insulating substrate are both
3	substantially rectangular;
4	said conductor is drawn out to one shorter side of said optically transparent
5	substrate; and
6	said optically transparent substrate has longer sides longer than longer sides of
7	said insulating substrate.

1	10. (Original): A display device according to claim 9, wherein:
2	said vacuum chamber is substantially rectangular in shape when viewed from a
3	light exiting side; and
4	a distance in a longer side direction between one shorter side of said vacuum
5	chamber and one shorter side of said optically transparent substrate sandwiching said
6	predetermined region of said optically transparent substrate is longer than a distance in a longer
7	side direction between the other shorter side of said vacuum chamber and the other shorter side
8	of said optically transparent substrate.
1	11. (Currently Amended): A display device according to claim 6, wherein:
. 2	said back substrate includes a driving [[line]] wire for driving said electron
3	emission elements, and an electrode area to which an electrode is drawn out for connection to
4	said driving line; and
5	said conductor is routed along a side on which said electrode area is not formed.
1	12. (Original): A display device according to claim 6, wherein:
2	said display substrate comprises a plurality of miniature holes arranged in matrix,
3	said miniature holes containing said luminescent materials to form a light emitting area, and a
4	metal sheet disposed on a side of said display substrate closer to said back substrate and having a
5	plurality of recesses for vertically holding supporters;
6	said metal sheet is secured to an inner face of said optically transparent substrate
7	through an adhesive layer, and said metal sheet has said accelerating electrode plate electrically
8	connected to said metal sheet on a side of said metal sheet closer to said back substrate; and
9	a portion of said metal sheet is embedded between said adhesive layer and said
10	frame member, and integrally drawn out to said predetermined region to constitute said
11	conductor.
1	13. (Original): A display device according to claim 12, wherein said metal
2	sheet is mainly composed of Fe-Ne

1	14. (Original): A display device according to claim 6, further comprising a
2	conductive resilient body in electric contact with a high voltage terminal for supplying the
3	accelerating voltage,
4	wherein said conductor includes a recess formed therein for fitting said resilient
5	body thereinto, said resilient body being pressed in a thickness direction of said display substrate
6	to fit said resilient body into said recess.
1	15. (Currently Amended): A display device comprising:
-	
2	a back substrate having a plurality of electron emission elements formed thereon;
3	a display substrate disposed opposite to said back substrate, said display substrate
. 4	comprising an accelerating electrode applied with an accelerating voltage for accelerating
5	electrons from said electron emission elements, and luminescent materials for emitting light
6	when said luminescent materials come into collision with the electrons accelerated by the
7	accelerating voltage;
8	a frame member for supporting said back substrate and said display substrate on
9	the peripheries thereof, said frame member, said back substrate, and said display substrate
10	surrounding a space to define a vacuum area; and
11	a conductor electrically connected electrically to said accelerating electrode and
12	applied with the accelerating voltage which includes a connection part extending from said
13	conductor and onto which a connector is removably connectable for supplying the accelerating
14	voltage,
15	wherein said back substrate includes is formed with a driving wire formed for
16	applying said electron emission elements with a signal for driving said electron emission
17	elements, said driving wire being drawn out to one or a plurality of sides of said back substrate,
18	and
19	wherein said conductor is routed along out a side of said display substrate
20	opposing a side of said-back substrate toon which said driving wire is not drawn outdisposed,
21	and said conductor is drawn out to the outside of said vacuum area.

Appl. No. 10/684,059 Amdt. sent September 19, 2006 Reply to Office Action of June 26, 2006

16. (Canceled)